

MB-System CAS 52 ACCU

Modular Folding Systems for Every Need

Creative ideas also create new forms of printer matter. This development demands new techniques in the areas of direct mail handling, EDP forms finishing and print on demand solutions. Innovative new finishing processes also include professional modular folding systems.

Modern folding systems must therefore be versatile. They must deal with output from black-and-white or color ink jet printers, laser and digital printers as well as conventional offset or other printing machines. Flexibility, variability and online capability are needed.

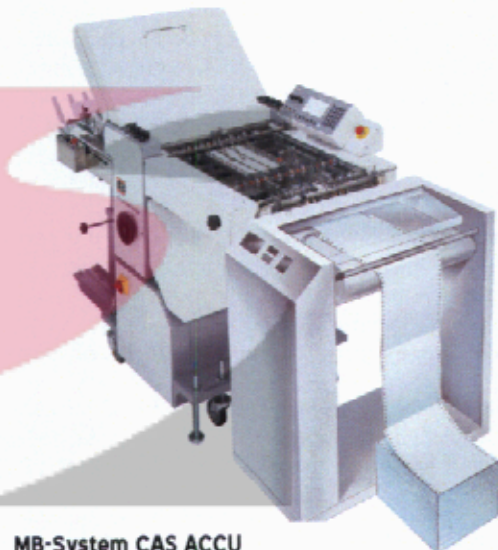
MB Bäuerle offers professional equipment to cover these needs. A number of modules based on the computer-controlled folders multimaster CAS can be combined into a large variety of systems.

CAS Features:

- Central control panel
- Switch to other languages and measuring systems
- Automatic calculation of settings
- Pre-programmed standard folds
- Individual programming of other folds
- 60 memory spaces for repeat jobs
- Automatic setting of fold plates
- Fold roller setting via computer instruction
- Electronic paper travel monitoring
- Mechanical and electronic interfacing to preceding and following modules

CAS Benefits:

- Simple handling
- Short set-up and down times
- Minimum waste



MB-System CAS ACCU for processing continuous forms in combination with a cutter

User Benefits

- Versatility / Modularity
- Flexibility
- Maximized reliability and availability of the entire system
- Maximum use of cutter speed
- Choice of cut-sheet or continuous form handling

Technical Solutions with a Twist

- **Nest folding:** This can be done when feeding sheets of different lengths. The short and long cuts (for example, two 6" and one 12" sheets) are collected in the accumulator. During the folding process the 6" sheets are then wrapped into the 12" sheet. The resulting pieces, such as advertising inserts, may subsequently be processed in an inserter.)

Accumulating and Folding: Customized Solutions for Lettershops and EDP Centers

New formats for advertising letters, flyers, coupons, bank statements, checks and bills constantly appear in the market. Individualized mailings often contain an individual number of sheets. Mass production of such printed matter requires special system modules. The MB-System CAS ACCU caters to these requirements.

Flexibility through unique auxiliary equipment:

- Fold plates for selective folding, turn-over fold plate, gate fold plates, mobile knife fold unit MS 45, additional fold unit KF 31, gluing device, antistatic device, height adjustable interface IF 42, suction feeder, continuous loading device, pressing station, various delivery systems (extended delivery, vertical stacker), punch-through perforation, trimming devices

Possible Interfacing

- **Combination with EDP finishing equipment:**

Interstackers, bursters, rotary and guillotine cutters.

- **Connection to modular sheet feeding systems:**

Suction feeder SF with high-capacity bulk loader BSA 5000 (up to A4 / letter size, landscape)

Suction Feeder SF with interface 32/C (up to A4 / letter size, landscape), cut-sheet preloader (up to A3 / legal size, landscape)



MB-System CAS 52 ACCU for crossfolding with optional separator sheet feeding

Typical Uses for MB-System CAS 52 ACCU

Letters with variable number of sheets, coupons, statements, checks or inserts in various sizes.



MB-System CAS 52 ACCU - Basic Version

Basic fold unit CAS 52/4

Mobile fold unit with 4 automatic fold plates

Accumulator ACCU

Peripheral device preceding the fold unit

Delivery table AM 52

Height-adjustable for fanned delivery

Paper feeding is done by connecting to other machine systems.

Function of Accumulator:

A defined number of sheets is collected in the accumulator, then folded as an accumulated set. The number of sheets is variable and is determined by code reading or the preset counter. The individual sheets are transported to the accumulating position by a system of infeed rollers and round belts. Special ramps assure proper sequencing. A photo detector monitors the flow of paper. Once the preselected number of sheets is reached, transport rollers move the accumulated set into the fold unit.

Features of the MB-System CAS 52 ACCU:

- Reliable processing of a varying number of sheets without changing fold roller pressure
- Variable one-up and two-up feeding
- Accumulation from top to bottom or from bottom to top
- Special ramps for short formats (min. length 90 mm or 3-1/2")
- Accumulating by code reading up front or integrated preset counter (one-up or two-up)

The basic fold unit CAS 52 is capable of producing almost all types of parallel folds. A second fold unit is needed for producing crossfolds. The following fold units are recommended for this purpose: CAS 52/0/4, CAS 38/0/4, CAS 38/0/2. These must be selected depending on the number of fold plates needed, paper width and the type of roller table desired.

For highest fold and production flexibility in a second fold unit, model CAS 52/0/4-SL (stand-alone) is recommended. This model is self-contained with its own drive and control panel. It may, therefore, also be used as a stand-alone unit.

Modular and Flexible

The MB-System 52 ACCU is designed so that it can also work without accumulation. Thus standard parallel and crossfolding can be done on the same system.

MB System CAS 52 ACCU

Paper formats:	Length	Width
	Max. 432 mm (17") min. 100 mm (4")	max. 432 mm (17") min. 180 mm (7-1/16")
Paper weight:	80 to 120 GSM (20 to 28 lbs.) (depending on paper quality)	
Speed:	up to 180 m/min. (590 ft./min.) (depending on paper quality)	
Fold length:	Max. fold plate 1: 465 mm (18-15/16"); fold plates 2-4: 385 mm (15-5/32")	
	Min. fold plates 1-4: 35 mm (1-3/8")	
Electrical:	Voltage:	3 x 400 V / 50 Hz / N / PE or 3 x 208 V / 60 Hz / PE
	Current consumption:	max. 10 A
	Power consumption:	CAS 52/4 with ACCU: 0.9 kW (900 W)
	Delivery:	0.1 kW (100 W)
Weight (net):	CAS 52/4 with ACCU	240 kg (529 lbs.)
	CAS 38/0/4 with SRT	230 kg (506 lbs.)
	Delivery AM 52	60 kg (132 lbs.)

Suitable for connection to cutters by Hunkeler, Stralfors, ESP, Bowe, CEM, Muller, Spedo, Lasermax, Bell & Howell, Laurenti, Tecnav, etc. (specification of cutter necessary)

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